



Industrialization of Software Maintenance with ITP-PANORAMA

ITP Software
Systems Ltd.

Master your software with ITP-PANORAMA

www.itp-panorama.com

Industrialization takes place in labor intensive business processes. In the lifecycle of an IT application only 20% of costs are spent on development while 80% come from maintenance.

The potential to more productivity lies in the fact that maintenance is still done in a handicraft way like ten or twenty years ago. The result is that 60-80% labor cost spent in IT shops comes from software maintenance. This is the case for all programming languages from Assembler to JAVA.

Software Factory

Because it takes so much time to get familiar, complex applications are usually maintained by the same team of developers. This is very costly and can lead to too little or too much workload, depending on the number of change requests. The idea of a **Software Factory** is to staff maintenance projects out of a pool of developers. This can only happen if software is made so transparent that developers need just a little time to get familiar with it.

Outsourcing

To cut costs, software maintenance is outsourced to a third party. Developers of outsourcing providers have to work on unfamiliar software. Change requests have to be very detailed to guarantee that the changes are made with high quality. This higher effort and cost of transition, learning, management and communication eat up most of the benefits of lower wages off-shore.

Industrialization through technology is always of much higher benefit. ITP-PANORAMA can be up and running in a new project in one or two days, including four hours of training. Then, developers have transparency to the smallest detail and graphs that give an overview.

ITP-PANORAMA provides you with daily updated technical documentation for all of your applications.

Developers will rapidly understand unfamiliar applications. Searches, selections and Impact Analysis can be made as quickly as the developer can think and click. **Gartner Group** estimates that analysis makes 40% of total cost of changes in software. 90% can be saved when using ITP-PANORAMA. A change in software bears the risk of overlooking an impact on applications. ITP-PANORAMA raises quality significantly because all results are always 100% comprehensive and correct. This results in reduced costs of testing.

ITP-PANORAMA is using modern OLAP Hyper-Cube Technology since 2000 and has scanners for all languages from Assembler to JAVA. Running on Windows 64Bit Edition, it supports all common target and operating systems. Increase of productivity comes from the split second response time. Hundreds of developers can access the repository. Even in a repository built from 60 mill. LOC, the first selection is made in less than 3 seconds because up to 16 processors can be allocated simultaneously to a single search.

Data Flow Analysis

This unique feature of ITP-PANORAMA shows the value chain through your applications. All statements after a READ or before an INSERT/WRITE are displayed. Also the history or further use of a variable is shown with all re-defines.

Software Check

ITP-PANORAMA can make your software transparent with a **Software Check**. All of your programs will be compiled and all dependencies and links checked. A 30 day trial period with five concurrent licenses will remove any risk before you decide to buy and will prove all of the above



Find more information at www.itp-panorama.com
Or call US: 855 475-2883 Europe: +49 89 64 91 90 67